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MEMORANDUM on the POPULATION STATISTICS of SPAIN in 1858 and 1859; in continuation of the "REVIEW of the STATISTICS of "SPAIN," read to the Statistical Society in February, 1860. By MR. FREDERICK HENDRIKS.

UNDER the head of "*Statistics of Population, 1594 to 1857*" (*vide Journal*, pp. 151—162), various tabular statements were given, containing various particulars of importance in the Population Statistics of Spain; but it was noticed (p. 161) that there still existed a radical defect in the returns, namely, the entire absence of any publication of the number of *Births, Deaths, and Marriages*.

The Spanish Statistical Commission has subsequently taken steps to remedy this, and Mr. Hendriks having recently been furnished, through the attention of the Count de Ripalda, with the proof sheets of the new volume of the "*Anuario Estadístico de España*," in which are given details on these subjects as affecting the movement of the population,—(details acknowledged to be the first of their kind ever compiled in Spain),—is desirous of communicating the results to the Society in the present memorandum.

The details in question, as might indeed be expected on the occasion of their first collection, can only be taken as approximations, and are not sufficiently elaborated or corrected to serve as the basis of construction of a life table, showing the expectation of life or curve of mortality at each age. Statisticians will easily perceive that errors, more or less considerable, are to be found in the subdivisions of deaths according to ages. The same objection does not, however, so obviously attach to the aggregate or total numbers of each return, and it is not unreasonable to assume that they constitute a relatively speaking accurate approximative representation of the general value of life in Spain, for comparison with similar returns for other countries. Information of this nature is particularly required from countries in Southern latitudes like Spain, in order that the points of difference between such countries and those situated in Central and Northern Europe may be compared. It is much to be desired that Don Juan B. Trupita and the other Members of the Section of the Spanish Statistical Commission who are charged with the editorship of the "*Anuario*," will persevere in the good beginning, of which they have laid the foundation, for the ascertainment and record of the *Vital Statistics* of their country.

It is now proposed to give a brief and condensed *résumé* of the returns that can be generalized for each of the two years, 1858 and 1859, (1) as regards the *whole kingdom of Spain*, and (2) as affecting the *City of Madrid* separately.

It should be premised, as necessary to be borne in recollection throughout the following remarks, that the ascertained *population of Spain* in 1857 was 15,464,840 souls,\* and of Madrid, 281,170. These numbers are throughout the basis of the calculations.

(A.)—BAPTISMS, DEATHS, and MARRIAGES, 1858 and 1859.

DETAIL.	Whole of Spain.		Madrid.	
	Year 1858.	Year 1859	Year 1858.	Year 1859.
I.—BAPTISMS .....	546,158	556,323	10,161	10,817
Proportion to Inhabitants .....	1 in 28	1 in 28	1 in 28	1 in 26
" (births) in <i>England</i> } .....	1 ,, 30	1 ,, 29	—	—
and <i>Wales</i> , in same years..... }				
II.—DEATHS .....	433,931	449,037	9,845	10,196
Proportion to Inhabitants .....	1 in 36	1 in 34	1 in 29	1 in 28
" <i>England and Wales</i> .....	1 ,, 43	1 ,, 45	—	—
III.—MARRIAGES .....	113,443	112,903	2,408	2,522
Proportion to Inhabitants .....	1 in 136	1 in 137	1 in 117	1 in 111
" <i>England and Wales</i> .....	1 ,, 126	1 ,, 118	—	—

(B.)—BAPTISMS, distinguishing the SEXES, and the LEGITIMATE from the ILLEGITIMATE Children.—Years 1858 and 1859.

DETAILS.	Whole of Spain.		Madrid.	
	Year 1858.	Year 1859.	Year 1858.	Year 1859.
I.—LEGITIMATE.				
Males .....	266,221	271,962	4,068	4,353
Females .....	249,897	253,281	3,747	4,107
Both sexes .....	516,118	525,243	7,815	8,460
Proportion to inhabitants .....	1 in 30	1 in 29	1 in 36	1 in 33
II.—ILLEGITIMATE.				
Males .....	15,337	15,793	1,247	1,174
Females .....	14,703	15,287	1,099	1,183
Both sexes .....	30,040	31,080	2,346	2,357
Proportion to inhabitants .....	1 in 515	1 in 498	1 in 120	1 in 119
Total children .....	546,158	556,323	10,161	10,817
Proportion to inhabitants .....	1 in 28	1 in 28	1 in 28	1 in 26

(C.)—MARRIAGES, *distinguishing the previous Condition of the Parties.*—  
Years 1858 and 1859.

DETAILS.	Whole of Spain.		Madrid.	
	Year 1858.	Year 1859.	Year 1858.	Year 1859.
I.—SINGLE MEN to				
Single Women .....	85,984	86,518	1,898	2,013
Widows .....	6,375	5,866	145	149
	92,359	92,384	2,043	2,162
II.—WIDOWERS to				
Single Women .....	14,103	13,714	279	284
Widows .....	6,981	6,805	86	76
	21,084	20,519	365	360
TOTAL MARRIAGES .....	113,443	112,903	2,408	2,522
Proportion to Population .....	1 in 136	1 in 137	1 in 117	1 in 111

(D.)—DEATHS, *distinguishing the Conjugal Condition.*—  
Years 1858 and 1859.

DETAILS.	Whole of Spain.		Madrid.	
	Year 1858.	Year 1859.	Year 1858.	Year 1859.
I.—SINGLE Males .....	145,655	157,634	3,680	3,809
„ Females .....	129,380	136,939	2,815	3,151
„ of both sexes .....	275,035	294,573	6,495	6,960
II.—MARRIED Males .....	52,033	50,771	1,182	1,218
„ Females .....	45,566	44,620	839	746
„ of both sexes .....	97,599	95,391	2,021	1,964
III.—WIDOWERS .....	25,943	24,454	510	467
WIDOWS .....	35,354	34,619	819	805
WIDOWED of both sexes ..	61,297	59,073	1,329	1,272
GENERAL TOTAL—				
MALES .....	223,631	232,859	5,372	5,494
FEMALES .....	210,300	216,178	4,473	4,702
Both sexes .....	433,931	449,037	9,845	10,196
Proportion to Population..	1 in 36	1 in 34	1 in 29	1 in 28

(E.)—DEATHS, *distinguishing the Ages.—Years 1858 and 1859.*

DETAILS.	Whole of Spain.		In the Chief Towns (including Madrid) of all the Provinces.	
	Year 1858.	Year 1859.	Year 1858.	Year 1859.
Aged under 1 year .....	95,480	106,866	12,188	13,282
Aged from 1 to 5 years .....	106,322	116,455	13,231	15,041
" 5 " 10 " .....	24,160	21,179	3,518	2,703
" 10 " 15 " .....	11,473	10,971	1,359	1,267
" 15 " 20 " .....	11,113	10,561	1,690	1,660
" 20 " 25 " .....	13,014	12,377	2,520	2,373
" 25 " 30 " .....	12,673	11,996	2,493	2,285
" 30 " 35 " .....	12,788	12,760	2,170	2,204
" 35 " 40 " .....	13,102	12,903	2,298	2,285
" 40 " 45 " .....	13,395	13,363	1,996	2,110
" 45 " 50 " .....	12,886	12,191	1,998	1,890
" 50 " 55 " .....	13,941	13,885	1,908	1,873
" 55 " 60 " .....	16,590	16,521	2,288	2,156
" 60 " 65 " .....	19,450	20,240	2,285	2,334
" 65 " 70 " .....	17,174	16,829	2,148	2,029
" 70 " 75 " .....	15,395	15,823	1,847	1,713
" 75 " 80 " .....	11,469	10,938	1,406	1,393
" 80 " 85 " .....	8,073	8,077	1,081	961
" 85 " 90 " .....	3,697	3,564	540	459
" 91 .....	550	485	56	65
" 92 .....	303	224	44	23
" 93 .....	234	149	18	28
" 94 .....	198	137	33	30
" 95 .....	168	182	27	36
" 96 .....	94	110	24	34
" 97 .....	85	46	20	12
" 98 .....	58	63	14	13
" 99 .....	38	50	8	19
" 100 and upwards ....	80	92	24	37
	433,931	449,037	59,232	60,315